

CREATIVE DESIGN AND ENGINEERING

John Middendorf

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EDUCATION

Harvard Graduate School of Design

Master in Design Studies, June 2001

Emphasis on CAD/CAM, Materials, and Energy-Aware Building Design.

Stanford University

Bachelor's of Science, Mechanical Engineering, 1984

Emphasis on Structural, Thermal, and Solar Engineering.

PROFESSIONAL DESIGN EXPERIENCE

Black Diamond Equipment, Salt Lake City, UT

Design Consultant, 2000-2001

--Prototyping and implementation of new product line for premier outdoor gear company.

Xdogs.com, Minneapolis, MN

Director of Design, 1999-2000

--Consulting and design of outdoor clothing and packs for internet start-up firm.

The North Face, San Leandro, CA

Senior Product Manager, 1997-1999

--Management and creation of new tent and backpack product lines.

--Establishment of a 2000 ft² prototype workshop and facilitation of innovative teamwork.

A5 Adventures, Inc., Flagstaff, AZ

Founder and President, 1987-1997

--Invention and production of a hanging cliff tent capable of extreme weather conditions which opened expeditionary big wall rock climbing to a worldwide audience.

--Management of team of 10 designers and manufacturers of complex product line.

--Successful small business marketing and management (sold to The North Face, 1997).

SELECTED ADDITIONAL ENDEAVORS

Cameraman, NBC TV: Baffin Island Climbing Adventure (aired 2/11/01)

Grand Canyon River Guide (summers 1998-2000)

Grand Teton Mountain Guide (summers 1997-2000)

Canyoneering Adventure Program Host (On the Edge TV, 1997)

Speaker, American Alpine Club Annual Dinner (1994)

Search and Rescue Team Member, Yosemite and Zion National Parks (1984-1996)

Author, *How to Rock Climb, Big Walls* (1994)

American Alpine Club Board of Directors (1994-2000)

Founder, Friends of Yosemite Valley (1997)

HIGHLIGHTS OF QUALIFICATIONS

15 years experience in product design and development.

Skills in organizing work flow, materials, ideas and people.

Extensive study and experience in fabric construction and design.

World renown rock climber and inventor of expedition cliff tents.

Skills in publishing, web, writing, and presentation.

Broad knowledge of composite, woven, and traditional materials.

Skills in energy simulation and analysis of buildings (materials and operation).

Strong skills in innovation, and computer aided design and manufacturing.